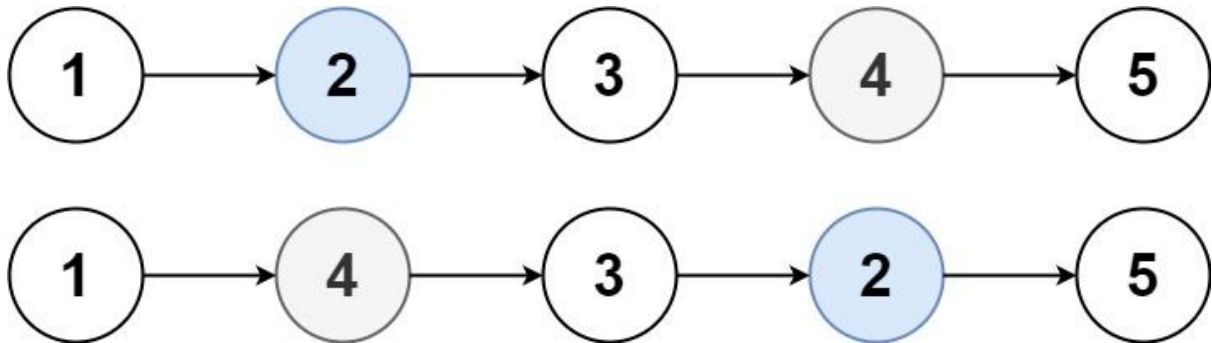


Swapping Nodes in a Linked List [\(View\)](#)

You are given the `head` of a linked list, and an integer `k`.

Return the head of the linked list after **swapping** the values of the k^{th} node from the beginning and the k^{th} node from the end (the list is **1-indexed**).

Example 1:



Input: `head = [1,2,3,4,5]`, `k = 2`

Output: `[1,4,3,2,5]`

Example 2:

Input: `head = [7,9,6,6,7,8,3,0,9,5]`, `k = 5`

Output: `[7,9,6,6,8,7,3,0,9,5]`

Constraints:

- The number of nodes in the list is `n`.
- `1 <= k <= n <= 105`
- `0 <= Node.val <= 100`